

1. A multistage liquid filter, comprising:  
a chamber having an inlet for liquid flow and an outlet for liquid flow;

a second filter stage within said chamber in fluid communication with said outlet, said second filter stage comprising activated carbon; and

2. A multistage liquid filter as recited in claim 1, further comprising a third filter stage within said chamber, said third filter stage being constructed of a microporous material, said third filter stage being located within said chamber at a position that allows liquid to pass through said third filter stage prior to passing through said second filter stage.

4. A multistage liquid filter as recited in claim 2, wherein said third filter stage is located within said chamber at a position that allows liquid to pass through said third filter stage after passing through said first filter stage.

6. A multistage liquid filter as recited in claim 5, wherein said microfiber glass is charge-modified.

7. A multistage filter as recited in claim 6, wherein said filter

is connected at the point of use for a water supply.

8. A multistage liquid filter as recited in claim 2, wherein said third filter stage comprises a meltblown web.

9. A multistage liquid filter as recited in claim 2, wherein said third filter stage comprises a material that selectively removes turbidity-related components, sediment, and some organic materials.

10. A multistage filter as recited in claim 2, wherein said filter is connected at the point of use for a water supply.

11. A multistage liquid filter as recited in claim 1, wherein said first filter stage comprises a meltblown web.

12. A multistage liquid filter as recited in claim 1, wherein said first filter stage comprises microfiber glass.

13. A multistage liquid filter as recited in claim 12, wherein said microfiber glass is charge-modified.

14. A multistage filter as recited in claim 13, wherein said filter is connected at the point of use for a water supply.

15. A multistage filter as recited in claim 1, wherein said first filter stage is a microporous material.

16. A multistage filter as recited in claim 2, wherein said third filter stage consists of a bed of granular material.

17. A multistage filter as recited in claim 1, wherein said filter is connected at the point of use for a water supply.

18. A multistage process for filtering impurities from a liquid, said process comprising the steps of:

supplying liquid to a filter;

removing at least a portion of the microorganisms from said liquid supply in a first filtering step; and

then removing at least a portion of the organics and other non-biological components in a second filtering step using activated

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carbon.

19. A multistage liquid filtration process as recited in claim 18, wherein said first filtering step is accomplished using a meltblown web.

20. A multistage liquid filtration process as recited in claim 18, wherein said first filtering step is accomplished using a microfiber glass web.

21. A multistage liquid filtration process as recited in claim 18, wherein said first filtering step is accomplished using a charge-modified microfiber glass web.

22. A multistage process for liquid filtration as recited in claim 21, wherein said filtering steps are conducted at the point of use for a water supply.

23. A multistage process for liquid filtration as recited in claim 18, wherein said filtering steps are conducted at the point of use for a water supply.

24. A multistage liquid filtration process as recited in claim 18 further comprising a third filtering step that removes sediments and some organics prior in flow to said second filtering step.

25. A multistage process for liquid filtration as recited in claim 24, wherein said filtering steps are conducted at the point of use for a water supply.

26. A multistage liquid filtration process as recited in claim 24, wherein said third filtering step is accomplished using a microfiber glass web.

27. A multistage liquid filtration process as recited in claim 24 wherein said third filtering step occurs before said first filtering step.

28. A multistage liquid filtration process as recited in claim 27 wherein said third filtering step occurs after said first filtering step.

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29. A multistage liquid filtration process as recited in claim 18 wherein said liquid is water.

30. A multistage liquid filter, comprising:  
an inlet for liquid flow and an outlet for liquid flow;  
a first filter stage in fluid communication with said inlet, said first filter stage comprising a material that removes microorganisms;  
a second filter stage in fluid communication with said outlet, said second filter stage comprising activated carbon; and  
said second filter stage being located at a position that allows liquid to pass through said first filter stage prior to passing through said second filter stage.

31. A multistage filter as recited in claim 30, wherein said filter is connected at the point of use for a water supply.

32. A multistage filter as recited in claim 30, wherein said first filter stage is a microporous material.

33. A multistage liquid filter as recited in claim 30, wherein said first filter stage comprises a meltblown web.

34. A multistage liquid filter as recited in claim 30, wherein said first filter stage comprises microfiber glass.

35. A multistage liquid filter as recited in claim 34, wherein said microfiber glass is charge-modified.

36. A multistage filter as recited in 35, wherein said filter is connected at the point of use for a water supply.

37. A multistage liquid filter as recited in claim 30, further comprising a third filter stage, said third filter stage being constructed of a microporous material, said third filter stage being located at a position that allows liquid to pass through said third filter stage prior to passing through said second filter stage.

38. A multistage liquid filter as recited in claim 37, wherein

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said third filter stage is located at a position that allows liquid to pass through said third filter stage after passing through said first filter stage.

39. A multistage liquid filter as recited in claim 37, wherein said third filter stage comprises a meltblown web.

40. A multistage liquid filter as recited in claim 37, wherein said third filter stage comprises microfiber glass.

41. A multistage liquid filter as recited in claim 40, wherein said microfiber glass is charge-modified.

42. A multistage filter as recited in claim 41, wherein said filter is connected at the point of use for a water supply.

43. A multistage liquid filter as recited in claim 37, wherein said third filter stage comprises a material that selectively removes turbidity-related components, sediment, and some organic materials.

44. A multistage liquid filter as recited in claim 37, wherein said third filter stage consists of a bed of granular material.

45. A multistage liquid filter as recited in claim 37, wherein said filter is connected at the point of use for a water supply.

46. A multistage liquid filter as recited in claim 37, wherein said liquid is water.

47. A multistage liquid filter as recited in claim 30, wherein said liquid is water.